File Deletion Test Cases

# Backend Low-Level Deletion

These test cases cannot be tested via any frontend interface.

1. Failed upload files should get deleted asap. (You can cause a file’s upload to fail by restarting vfs-http while an upload is in progress.) This applies to both email files and sync cabinet files.
2. Sync Cabinet
   1. Soft-deleted files (files deleted through the filesync plugin. any phone app, or the web interface the first time around) should not be immediately cleared from the backend. The system should wait X days
   2. Old versions of files that have been updated should not be immediately cleared from the backend. The system should wait X days.
   3. Permanently-deleted files (soft-deleted files that have been checked and then “permanently deleted” pressed) should be removed asap.
3. Sent emails
   1. Expired emails can be deleted asap.
   2. Revoked emails can be deleted asap.
   3. No attachments of unexpired/unrevoked emails should be deleted.

If a file has been uploaded on 2 or more places and any one of those places vote that the file should not be deleted, then the file should not be deleted.

Examples:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | place 1 | place 2 | place 3 | resolution |
| moo.txt | File uploaded to /foo/bar in file cabinet (keep) | File permanently deleted from /foo in file cabinet (toss) | File emailed from user a to user b yesterday (keep) | File is kept |
| arg.doc | File permanently deleted from /foo in file cabinet (toss) | File sent from user a to user b then expired N days later (toss) | File forwarded from user b to user c then revoked (toss) | File is tossed |
| eep.mp3 | File uploaded and then immediately deleted from the WindowsExplorer sync tool (keep) | File uploaded and then immediately deleted from the WindowsExplorer sync tool over X days ago (toss) | N/A | File is kept. |

# Frontend Sync-Specific

**Setup:** Beginning file tree looks like:

# <root>/foo/bar/a.txt

# /b.ppt

# /baz/c.doc

# /space test.pdf

# /d.html

# /eep/arg.txt

# /mar/

# /hi.txt

**Test Case #1**: Soft-deleting a directory containing soft-deleted contents.

Steps:

1. Delete the folder “baz”.
2. Delete the file “b.ppt”.
3. Delete the folder “foo”.
4. Go to the sync cabinet page on the web interface and click “show deleted”.
5. Locate the folder “foo” and click on it.
6. Press “Restore Contents”
7. At this point the folder “foo” should be restored and should contain “bar/a.txt” and “d.html”. The entire “bar” directory and “bar/b.ppt” should still be soft-deleted. They will need to be restored independently if the user wants them back as well.

**Test Case #2:** Action availability on soft-deleted folders.

Steps:

1. Delete the folder “foo/baz”.
2. Go to the sync cabinet page on the web interface and click “show deleted”.
3. Locate the folder “foo/baz” and click on it.
4. The following actions which are normally available for folders should not be shown:
   1. move
   2. delete
   3. rename item
   4. copy to
5. The following items should be available instead:
   1. Permanently Delete
   2. Restore

**Test Case #4:** Action availability on soft-deleted files.

Steps:

1. Delete the folder “foo/d.html”.
2. Go to the sync cabinet page on the web interface and click “show deleted”.
3. Locate the folder “foo/d.html” and click on it.
4. The following actions which are normally available for folders should not be shown:
   1. move
   2. delete
   3. rename item
   4. copy to
   5. email files
5. The following items should be available instead:
   1. Permanently Delete
   2. Restore